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II S DATENT DOCUMENTS	-
EXAMINER FILING DATE	
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5902230 05/11/99 Takahashi et al.	
6712760 03/30/04 Sano et al.	
FOREIGN PATENT DOCUMENTS	
DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO	1
9-9109 01/10/97 JAPAN	
3-198478 08/29/91 JAPAN	
2001-286439 10/16/01 JAPAN	
10-4516 01/06/98 JAPAN	
2000-245694 09/12/00 JAPAN	
6-335450 12/06/94 JAPAN	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
1 English language Abstract of JP 9-9109, 01/10/97.	
English language Abstract of JP 3-198478, 08/29/91.	
3 English language Abstract of JP 2001-286439, 10/16/01.	
4 English language Abstract of JP 10-4516, 01/06/98.	
5 English language Abstract of JP 2000-245694, 09/12/00.	
6 English language Abstract of JP 6-335450, 12/06/94.	
EXAMINER DATE CONSIDERED	
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